

Subpart T [Reserved]**Subpart U, ES–2re Side Impact Crash Test Dummy, 50th Percentile Adult Male**

SOURCE: 71 FR 75331, Dec. 14, 2006, unless otherwise noted.

§ 572.180 Incorporated materials.

(a) The following materials are hereby incorporated into this Subpart by reference:

(1) A parts/drawing list entitled, “Parts/Drawings List, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES2re), February 2008,”

(2) A drawings and inspection package entitled “Parts List and Drawings, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES–2re, Alpha Version), February 2008,” consisting of:

(i) Drawing No. 175–0000 ES–2re Dummy Assembly;

(ii) Drawing No. 175–1000 Head Assembly;

(iii) Drawing No. 175–2000, Neck Assembly Test/Cert;

(iv) Drawing No. 175–3000, Shoulder Assembly;

(v) Drawing No. 175–3500, Arm Assembly, Left;

(vi) Drawing No. 175–3800, Arm Assembly, Right;

(vii) Drawing No. 175–4000, Thorax Assembly with Rib Extensions;

(viii) Drawing No. 175–5000, Abdominal Assembly;

(ix) Drawing No. 175–5500 Lumbar Spine Assembly;

(x) Drawing No. 175–6000 Pelvis Assembly;

(xi) Drawing No. 175–7000–1, Leg Assembly—left;

(xii) Drawing No. 175–7000–2, Leg Assembly—right;

(xiii) Drawing No. 175–8000, Neoprene Body Suit; and,

(xiv) Drawing No. 175–9000, Headform Assembly;

(3) A procedures manual entitled “Procedures for Assembly, Disassembly and Inspection (PADI) of the EuroSID–2re 50th Percentile Adult Male Side Impact Crash Test Dummy, February 2008,” incorporated by reference in §§ 572.180(a)(2), and 572.181(a);

(4) Society of Automotive Engineers (SAE) Recommended Practice J211, Rev. Mar 95 “Instrumentation for Impact Tests—Part 1—Electronic Instrumentation”; and,

(5) SAE J1733 of 1994–12 “Sign Convention for Vehicle Crash Testing.”

(b) The Director of the Federal Register approved the materials incorporated by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies of the materials may be inspected at the Department of Transportation, Docket Operations, Room W12–140, 1200 New Jersey Avenue, SE., Washington, DC 20590, telephone (202) 366–9826, and at the National Archives and Records Administration (NARA), and in electronic format through *Regulations.gov*. For information on the availability and inspection of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html. For information on the availability and inspection of this material at *Regulations.gov*, call 1–877–378–5457, or go to: <http://www.regulations.gov>.

(c) The incorporated materials are available as follows:

(1) The Parts/Drawings List, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES2re), February 2008, referred to in paragraph (a)(1) of this section, the Parts List and Drawings, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES–2re, Alpha Version), February 2008, referred to in paragraph (a)(2) of this section, and the PADI document referred to in paragraph (a)(3) of this section, are available in electronic format through *Regulations.gov* and in paper format from Leet-Melbrook, Division of New RT, 18810 Woodfield Road, Gaithersburg, MD 20879, telephone (301) 670–0090.

(2) The SAE materials referred to in paragraphs (a)(4) and (a)(5) of this section are available from the Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, PA 15096, telephone 1–877–606–7323.

[71 FR 75331, Dec. 14, 2006, as amended at 73 FR 33920, June 16, 2008]

EFFECTIVE DATE NOTE: At 76 FR 31865, June 2, 2011, § 572.180 was amended by revising paragraphs (a)(1) and (a)(2), and paragraph

Nat'l Highway Traffic Safety Admin., DOT

§572.181

(c)(1), effective Nov. 29, 2011. For the convenience of the user, the revised text is set forth as follows:

§572.180 Incorporated materials.

(a) * * *

(1) A parts/drawing list entitled, "Parts/Drawings List, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES2re), September 2009," incorporated by reference in §572.181.

(2) A drawings and inspection package entitled "Parts List and Drawings, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES-2re, Alpha Version), September 2009," consisting of:

(i) Drawing No. 175-0000, ES-2re Dummy Assembly, incorporated by reference, see §§572.181, 575.182, 572.184;

(ii) Drawing No. 175-1000, Head Assembly, incorporated by reference in §§572.181 and 572.182;

(iii) Drawing No. 175-2000, Neck Assembly Test/Cert, incorporated by reference in §§572.181 and 572.183;

(iv) Drawing No. 175-3000, Shoulder Assembly, incorporated by reference in §§572.181 and 572.184;

(v) Drawing No. 175-3500, Arm Assembly, Left, incorporated by reference in §§572.181 and 572.185;

(vi) Drawing No. 175-3800, Arm Assembly, Right, incorporated by reference in §§572.181, and 572.185;

(vii) Drawing No. 175-4000, Thorax Assembly with Rib Extensions, incorporated by reference in §§572.181 and 572.185;

(viii) Drawing No. 175-5000, Abdominal Assembly, incorporated by reference in §§572.181 and 572.186;

(ix) Drawing No. 175-5500, Lumbar Spine Assembly, incorporated by reference in §§572.181 and 572.187;

(x) Drawing No. 175-6000, Pelvis Assembly, incorporated by reference in §§572.181 and 572.188;

(xi) Drawing No. 175-7000-1, Leg Assembly—left incorporated by reference in §572.181;

(xii) Drawing No. 175-7000-2, Leg Assembly—right incorporated by reference in §572.181;

(xiii) Drawing No. 175-8000, Neoprene Body Suit, incorporated by reference in §§572.181 and 572.185; and,

(xiv) Drawing No. 175-9000, Headform Assembly, incorporated by reference in §§572.181, 572.183, 572.187;

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(c) * * *

(1) The Parts/Drawings List, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES2re) referred to in paragraph (a)(1) of this section, the Parts List and Drawings, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES-2re, Alpha Version) referred to in para-

graph (a)(2) of this section, and the PADI document referred to in paragraph (a)(3) of this section, are available in electronic format through Regulations.gov and in paper format from Leet-Melbrook, Division of New RT, 18810 Woodfield Road, Gaithersburg, MD 20879, telephone (301) 670-0090.

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§572.181 General description.

(a) The ES-2re Side Impact Crash Test Dummy, 50th Percentile Adult Male, is defined by:

(1) The drawings and specifications contained in the "Parts List and Drawings, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES-2re, Alpha Version), February 2008," incorporated by reference in §572.180, which includes the technical drawings and specifications described in Drawing 175-0000, the titles of which are listed in Table A;

TABLE A

Component assembly	Drawing number
Head Assembly	175-1000
Neck Assembly Test/Cert	175-2000
Neck Bracket Including Lifting Eyebolt	175-2500
Shoulder Assembly	175-3000
Arm Assembly-Left	175-3500
Arm Assembly-Right	175-3800
Thorax Assembly with Rib Extensions	175-4000
Abdominal Assembly	175-5000
Lumbar Spine Assembly	175-5500
Pelvis Assembly	175-6000
Leg Assembly, Left	175-7000-1
Leg Assembly, Right	175-7000-2
Neoprene Body Suit	175-8000

(2) "Parts/Drawings List, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES2re), February 2008," containing 8 pages, incorporated by reference in §572.180,

(3) A listing of available transducers-crash test sensors for the ES-2re Crash Test Dummy is shown in drawing 175-0000 sheet 4 of 6, dated February 2008, incorporated by reference in §572.180,

(4) Procedures for Assembly, Disassembly and Inspection (PADI) of the ES-2re Side Impact Crash Test Dummy, February 2008, incorporated by reference in §572.180,

(5) Sign convention for signal outputs reference document SAE J1733 Information Report, titled "Sign Convention for Vehicle Crash Testing" dated December 1994, incorporated by reference in §572.180.